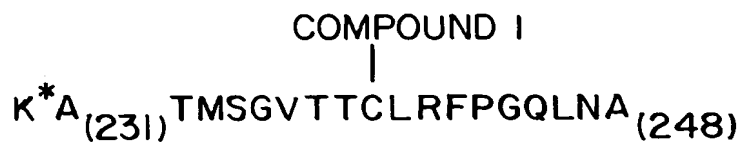
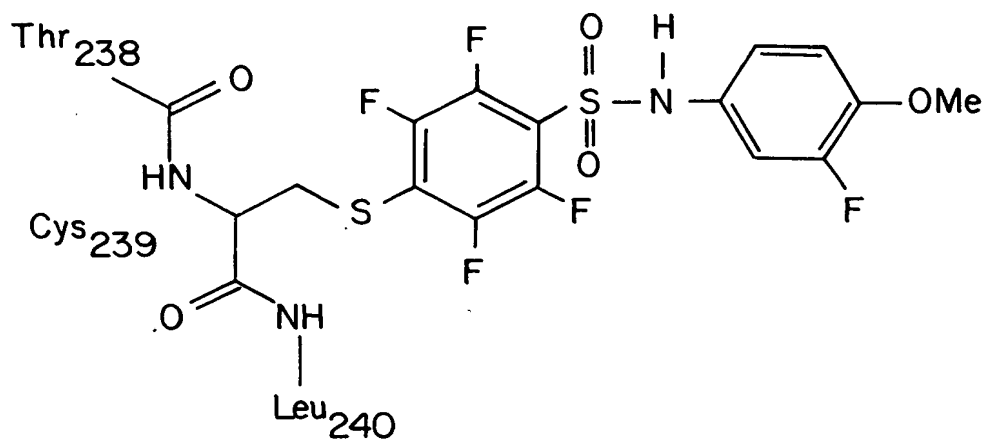


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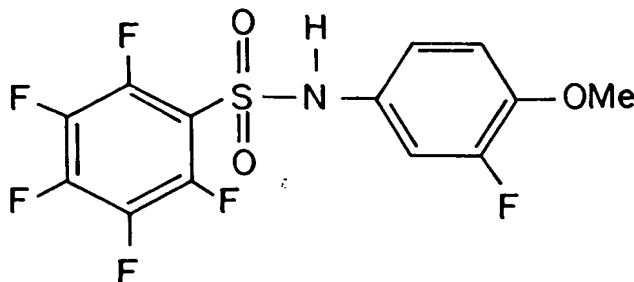
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**FIG. 1A.**



**FIG. 1B.**



**FIG. 1C.**

FIG. 1A: 5204E.660

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TOP SECRET

+ cmpd 1-modified  $\beta$ 2-tubulin peptide

clone OD <sub>405/490</sub>	1F6D8 1.445	1B2C11 0.970	3A1C11 1.425	1F6A11 2.020	2C1H7 1.325	5F1D4 1.750	3F2A4 1.395	5F5C11 1.682	6D4D11 1.345	3F2D2 0.086	5F5E4 1.696	6D4G4 1.541
clone OD <sub>405/490</sub>	3D12D1 1.145	4B6G6 1.019	6H8E3 1.825	3D12D6 1.050	4B6E1 1.132	6H8G2 1.539	3E10A3 0.538	6E7G1 0.854	6A7F9 1.618	3E10G10 0.618	6E7F4 1.340	6H10C7 1.259
clone OD <sub>405/490</sub>	3A1G1 1.546	5F1D4 1.721	6D4D11 1.662	3F2A4 1.487	6H8E3 1.675	NONE 0.261						

unmodified  $\beta$ 2-tubulin peptide

clone OD <sub>405/490</sub>	1F6D8 0.212	1B2C11 0.195	3A1C11 0.346	1F6A11 0.654	2C1H7 0.158	5F1D4 1.319	3F2A4 0.220	5F5C11 0.318	6D4D11 0.323	3F2D2 0.294	5F5E4 0.452	6D4G4 0.252
clone OD <sub>405/490</sub>	3D12D1 0.755	4B6G6 0.922	6H8E3 1.202	3D12D6 0.290	4B6E1 0.752	6H8G2 1.013	3E10A3 1.180	6E7G1 1.480	6A7F9 1.980	3E10G10 1.133	6E7F4 1.777	6H10C7 1.701
clone OD <sub>405/490</sub>	3A1G1 0.272	5F1D4 1.267	6D4D11 0.475	3F2A4 0.250	6H8E3 1.326	NONE 0.174						

FIG. 2A.

+

Hybridoma clone	Ig isotype	Specificity
Class 1 1F6D8 1B2C11 3A1C11 2C1H7 3F2A4 5F5C11 6D4D11	IgG <sub>2b</sub> /κ IgG <sub>2b</sub> /κ IgG <sub>1</sub> /κ IgG <sub>1</sub> /κ IgG <sub>1</sub> /κ IgG <sub>1</sub> /κ IgG <sub>1</sub> /κ	cmpd 1-modified β2-tubulin peptide and cellular cmpd 1-modified β-tubulin
Class 2 3D12D1 4B6G6 5F1D4 6H8E3 6H10C7	IgM/κ IgM/κ IgM/κ IgG <sub>2a</sub> /κ IgG <sub>2b</sub> /κ	3/6 cmpd 1-β2-tubulin peptide and unmodified β2-tubulin peptide
Class 3 3E10A3 6A7F9 6E7G1	IgG <sub>1</sub> /κ IgG <sub>2b</sub> /κ IgG <sub>2a</sub> /κ	unmodified β2-tubulin peptide

FIG. 2B.

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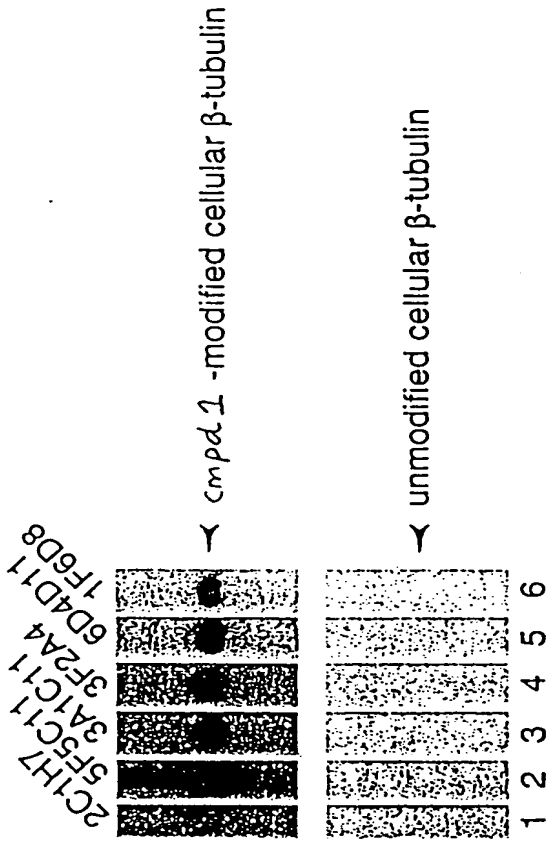


FIG. 3A.

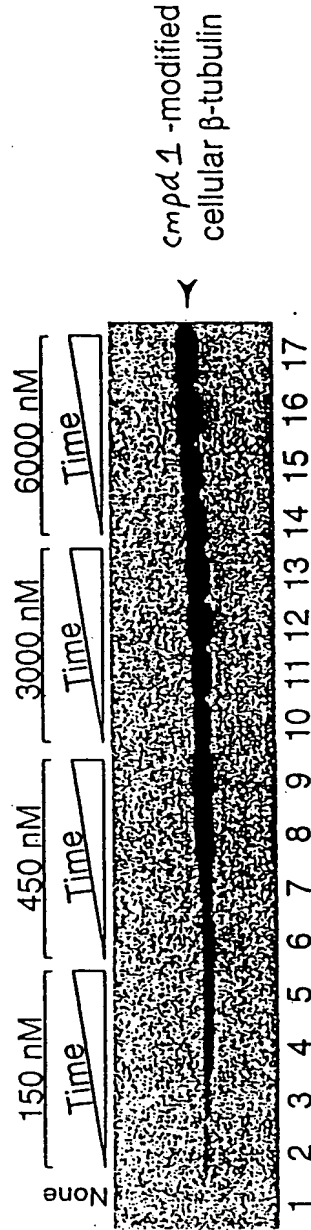


FIG. 3B.

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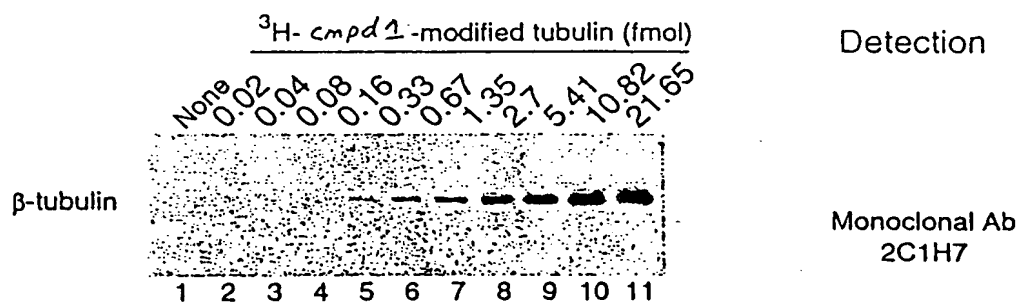


FIG. 4A.

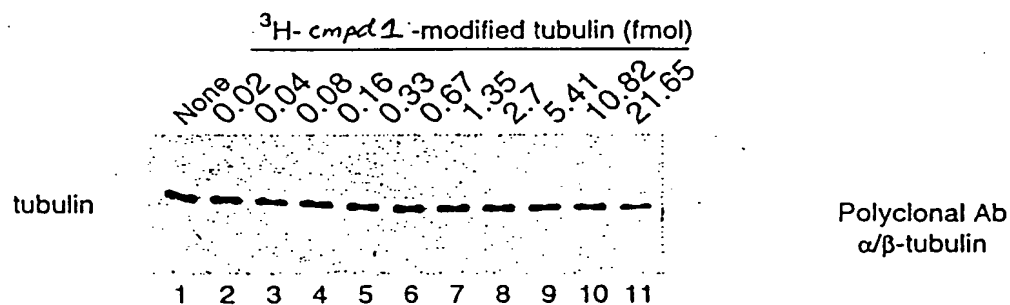


FIG. 4B.

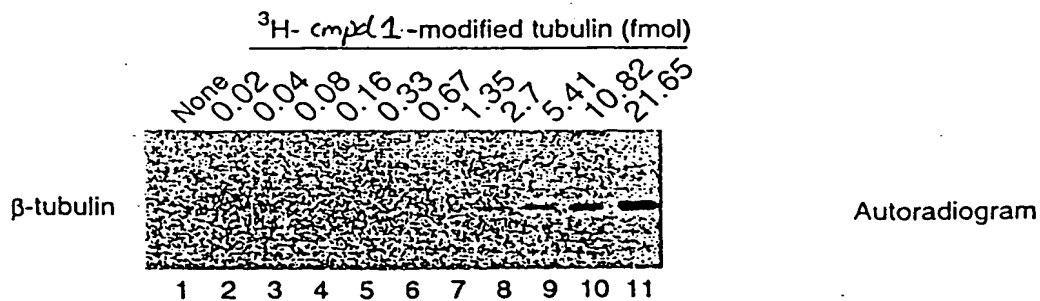


FIG. 4C.

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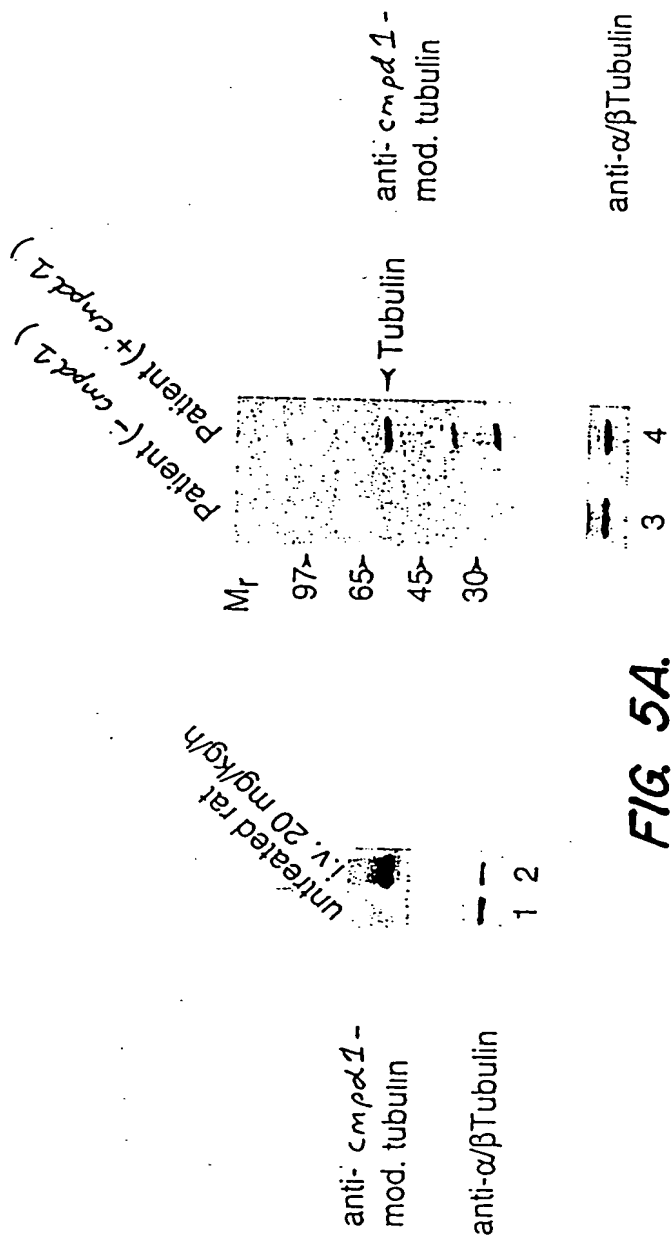


FIG. 5A.

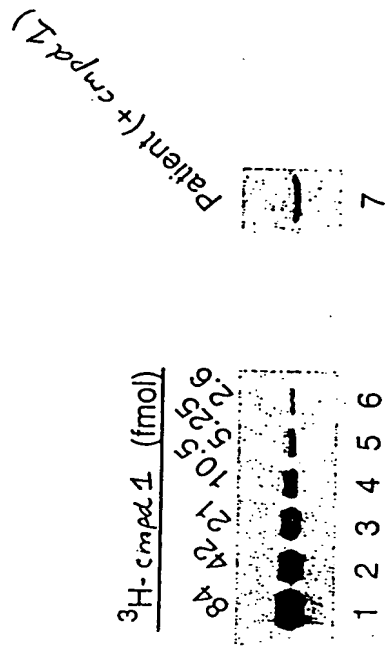


FIG. 5B.